

WHAT IS CLAIMED IS:

1. An improved toilet and sink drain plunger, said plunger comprising, in combination:

a) an elongated generally upright handle;

b) a generally frusto-conical bellows having a top secured to the lower end of said handle, said bellows including sidewalls depending downwardly and outwardly from said top and defining therewith a central space, said sidewalls comprising a plurality of integral, vertically stacked, interconnected, horizontally extending pleats capable of nesting during compressing of said bellows to a collapsed state; and,

c) toilet and sink drain hole sealing means integral with the lower end of said bellows, said sealing means being disposed on the outer surface of such plunger, said sealing means comprising, in combination,

i. an upper annular curved first ring depending from the lowermost of said pleats, spaced inwardly from the outer periphery of said lowermost pleat and cooperating therewith to form on its outer surface a first drain hole seal;

1 ii. a bulbous annular curved second ring depending
2 from said first ring, spaced inwardly from the outer periphery
3 of said first ring to form on its outer surface a second
4 seal smaller than said first seal; and,

5
6 iii. a third bottom ring secured to the underside of
7 said second seal, smaller in diameter than said second seal
8 and defining the lower end of said plunger, the outer surface
9 of said bottom ring forming a third seal, said seals being
10 integral with each other and said bellows and having a central
11 opening therein communicating with said bellows space.

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13 ¹⁰ ~~10~~ 1. The ~~improved~~ toilet and sink drain plunger of Claim ⁹ ~~1~~
14 wherein said plunger bellows and seals are of unitary
15 construction, having been integrally joined together in a single
16 molding operation.

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18 ¹¹ ~~11~~ 2. The ~~improved~~ toilet and sink drain plunger of Claim ¹⁰ ~~2~~
19 wherein said bellows and seals are of flexible resilient
20 plastic.

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22 ¹² ~~12~~ 3. The ~~improved~~ toilet and sink drain plunger of Claim ¹¹ ~~3~~
23 wherein said handle is detachable from said bellows and also
24 of plastic.

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26 5. The improved toilet and sink ~~drain plunger of Claim 3~~
27 wherein said handle is integral with said bellows, of plastic
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1 and formed with said bellow and seals in a single molding
2 operation.

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4 13 6. The improved toilet and sink drain plunger of Claim 1
5 wherein said bottom seal includes an upper bulbous annular
6 ring portion and a lower portion having a short vertical
7 sidewall of smaller diameter than said upper portion.

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9 14 7. The improved toilet and sink drain plunger of Claim 13
10 wherein each said ring includes an inwardly and downwardly
11 curved lower part adapted to sealingly engage a toilet or
12 sink drain hole and wherein said second ring is of substantially
13 greater height than said first and third rings and of a
14 continuously curved bulbous shape with its lower end of
15 less diameter than its upper end.

16
17 15 8. The improved toilet and sink drain plunger of Claim 14
18 wherein the lower end of said plunger is horizontal to enable
19 said plunger to rest in an upright position.

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21 9. The improved toilet and sink drain plunger of Claim 8
22 20 wherein said pleats are more flexible than said seals.

23
24 10. An improved toilet and sink drain plunger comprising, in
25 combination:

26 a) a handle;

27 b) a bellows which includes a plurality of horizontally
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1 extending pleats; and,
2 c) Three toilet and sink drain hole seals disposed on the
3 outside of said plunger in horizontally extending vertically
4 stacked relation, said three seals being ring-shaped and
5 of progressively smaller diameter from the uppermost to the
6 lowermost of said three seals, each said seal having a downwardly
7 and inwardly curved external sealing surface.

8
9 ²1. The ~~improved~~ toilet and sink drain plunger of Claim ¹~~10~~
10 wherein said handle is vertical and at the upper end of said
11 plunger, wherein said bellows is secured to the bottom of said
12 handle and depends therefrom and wherein said seals are
13 integral with the lower end of said bellows.

14
15 ³12. The ~~improved~~ toilet and sink drain ^{plunger}~~plunger~~ of Claim ²~~11~~
16 wherein said handle, bellows and seals are of plastic.

17 Add b3
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